## MYCOLOGIA

VOLUME XIII, 1921

Published by the aid of the

David Lydig Fund

Bequeathed by Charles P. Daly

JO HO GI. PR

# **MYCOLOGIA**

IN CONTINUATION OF THE JOURNAL OF MYCOLOGY Pounded by W. A. Kellerman, J. B. Ellis, and B. M. Everhart in 1885

EDITOR

#### WILLIAM ALPHONSO MURRILL

Volume XIII, 1921

WITH 15 PLATES AND 21 FIGURES



#### ASSOCIATE EDITORS

JOSEPH C. ARTHUR HOWARD J. BANKER GIACOMO BRESADOLA FREDERICE, CLEMENTS JOHN DEARNESS FRANKLIN S. EARLE BRUCE FINE ROBERT A. HARPER THOMAS H. MACSRIDE NARCISSE PATOUILLARD LARS ROMELL FRED J. SEAVER CORNELIUS L. SHEAR TYÔZABURÔ TANAKA

PUBLISHED BIMONTHLY FOR
THE NEW YORK BOTANICAL GARDEN
By THE NEW ERA PRINTING COMPANY
LANCASTER. PA.

PRESS OF THE NEW ERA PRINTING COMPANY LANCASTER, PA.

### CATAL OGED

V. 13

#### TABLE OF CONTENTS

No. 1. JANUARY

	PAGE
Studies of Plant Cancers—II, by MICHAEL LEVINE	1
Nineteen Years of Culture Work, by J. C. ARTHUR	12
Some New Hampshire Fungi, by L. O. OVERHOLTS	24
The Fungi of the Wilkes Expedition, by W. W. DIEHL	38
Clitocybe sudorifica as a Poisonous Mushroom, by J. W. ROBERTS	42
Observations on the Infection of Crataegus by Gymnosporangium, by	
J. F. Adams	45
The Fruit-Disease Survey, by W. A. MURRILL	50
Notes and Brief Articles	54
Index to American Mycological Literature	62
No. 2. March	
Photographs and Descriptions of Cup-Fungi-IX. American Species of	
Discina, by F. J. SEAVER	67
Massospora cicadina Peck, by A. T. Speare	72
Light-colored Resupinate Polypores-III, by W. A. MURRILL	83
Smuts and Rusts of Utah-IV, by A. O. GARRETT	101
The Behavior of Telia of Puccinia graminis in the South, by H. R. Rosen.	111
Notes and Brief Articles	
Index to American Mycological Literature	126
No. 3. May	
Some New Species of Russula, by G. S. Burlingham	120
The Life History and Identity of "Patellina Fragariae," "Leptothyrium macrothecium," and "Peziza Oenotherae," by C. L. Shear and B. O.	
Dodge	
Light-colored Resupinate Polypores-IV, by W. A. MURRILL	-
Smuts and Rusts of Northern Utah and Southern Idaho, by G. L. ZUNDEL.	
New or Noteworthy Geoglossaceae, by E. J DURAND	
Notes and Brief Articles	
Index to American Mycological Literature	195
Nos. 4-5. July-September	
Massachusetts Species of Helvella, by P. J. Anderson and M. G. Ickis	201
Memoranda and Index of Cultures of Uredineae, 1899-1917, by J. C.	
Arthur	
Notes and Brief Articles	-
Index to American Mycological Literature	272

#### TABLE OF CONTENTS

## No. 6. November

PAGE
A Contribution to Our Knowledge of the Pyrenomycetes of Porto Rico,
by C. E. Chardon
California Hypogaeous Fungi-Tuberaceae, by H. E. PARKS 301
The Heteroecism of Puccinia montanensis, P. Koeleriae, and P. apocrypta,
by E. B. Mains 315
New Japanese Fungi. Notes and Translations-X, by T. TANAKA 323
Some of the Ways of the Slime Mould, by T. H. MACBRIDE 329
Notes and Brief Articles 335
Index to American Mycological Literature 351
Index to Volume XIII

